

Programming Assignment #2

CIS 436 – Mobile Application Development – Winter 2017

University of Michigan-Dearborn

Prof. John P. Baugh

Due: March 17, 2017 at 11:59 p.m.

Points: _____ / 125

Objectives

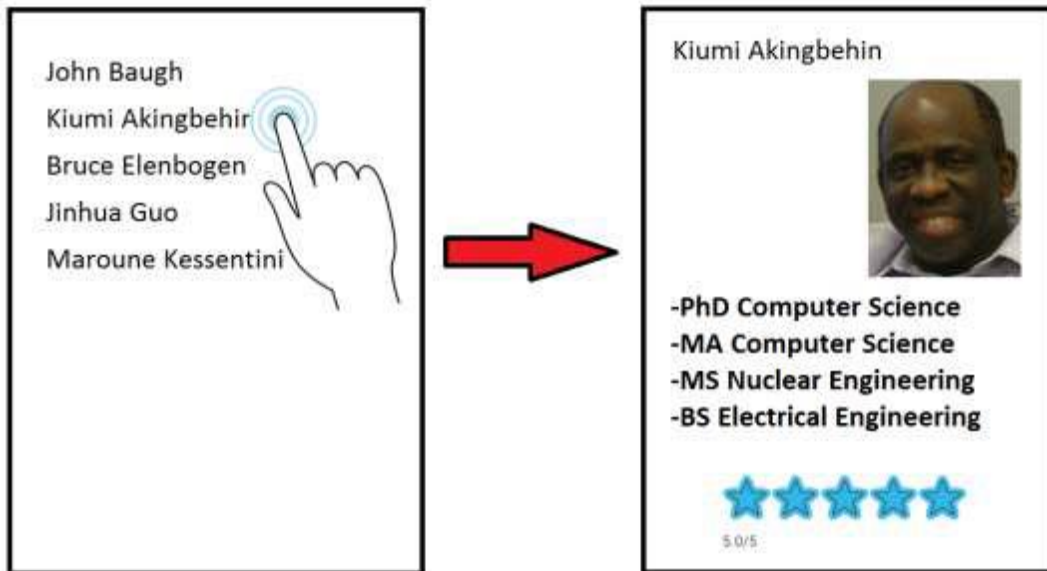
- For this program, you will create an application that uses fragments
 - To support both single- and multi-pane layouts
- To utilize preferences
- To use a RatingBar

Instructions

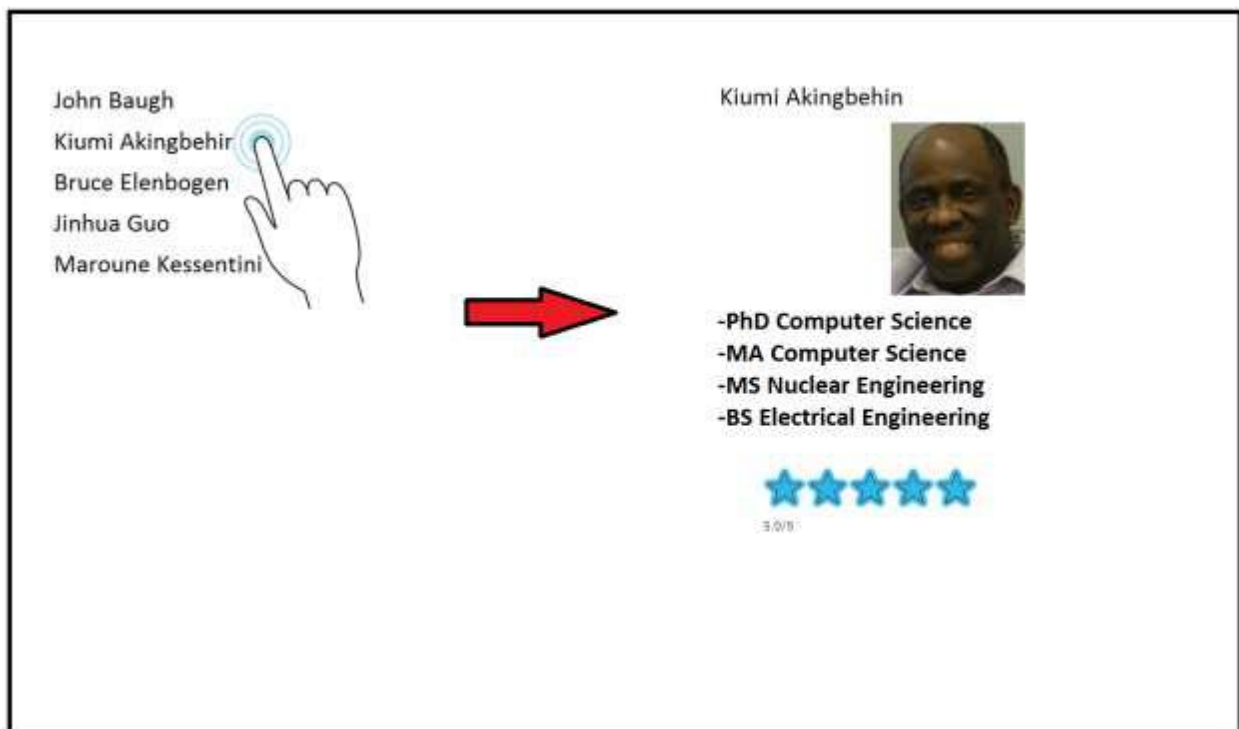
You are tasked with making a simple application that lists the names of at least five computer science professors at UM-Dearborn. The user should select a name from the list and get the following on a separate screen/fragment:

- The professor's name
- An image of the professor
- The degrees earned by the professor
- A rating bar at the bottom
 - Initially you can set this to 5 stars, or 0 stars
 - The rating will be maintained in memory by the shared preferences and must persist between moving away from an individual professor, and back to the professor, or away and to the app as well
- The rating should be out of 5 stars
- The user should be able to change the number of stars, and it should automatically be saved to the preferences file

If on a **smaller device, such as a phone**, the program should move between screens, like so:



If on a **larger device, such as a tablet**, we want to take advantage of the screen real estate, like so:



Deliverables

Zip your entire Android project, with the **test plan stored at the top level!!** Upload the entire zip file to Canvas on or before the due date.